

Exact™ 3040 Extrusion Coating

Ethylene-based Plastomer Resin

Product Description

Exact 3040 is an ethylene-based hexene plastomer produced using ExxonMobil Chemical's EXXPOL® Catalyst Technology. Exact 3040 is designed for monoextrusion and coextrusion coating applications. It offers outstanding adhesion and very low seal initiation temperature combined with high hot tack and seal strengths. This grade is specially recommended for enlarging the sealing window and to seal through contamination. It can be used as a minority or majority component in LDPE to improve optical and sealing performance.

General

Availability ¹	- Latin America - North America
Additive	- Antiblock: No - Slip: No - Processing Aid: No - Thermal Stabilizer: No
Applications	- Extrusion Coating - Extrusion Lamination - Non-Woven Coating
Form(s)	Pellets
Revision Date	03/01/2010

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.900 g/cm ³	0.900 g/cm ³	ExxonMobil Method
Melt Index ²	17 g/10 min	17 g/10 min	ExxonMobil Method
Peak Melting Temperature	203 °F	95 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	171 °F	77 °C	ASTM D1525

Coating Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Draw Down			ExxonMobil Method
Blend with 40% LDPE, Constant output at 35 rpm	310 m/min	310 m/min	
Blend with 20% LDPE, Constant output at 35 rpm	> 600 m/min	> 600 m/min	
Blend with 40% LDPE, Constant output at 65 rpm	370 m/min	370 m/min	
Neck-in			ExxonMobil Method
328 ft/min (100 m/min), Blend with 40% LDPE, Constant output at 35 rpm	1.9 in	4.8 cm	
328 ft/min (100 m/min), Blend with 20% LDPE, Constant output at 35 rpm	3.1 in	7.9 cm	
656 ft/min (200 m/min), Blend with 40% LDPE, Constant output at 35 rpm	1.9 in	4.8 cm	
656 ft/min (200 m/min), Blend with 20% LDPE, Constant output at 35 rpm	2.7 in	6.9 cm	

Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Processing Statement

Typical values obtained on a pilot coextrusion coating line at ExxonMobil Europe Technical Center at an air gap of 170 mm (6.69 in).

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Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

² Value reported is an estimate based on ExxonMobil's correlation from melt flow rate data measured at other standard conditions, based on ASTM D 1238.

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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